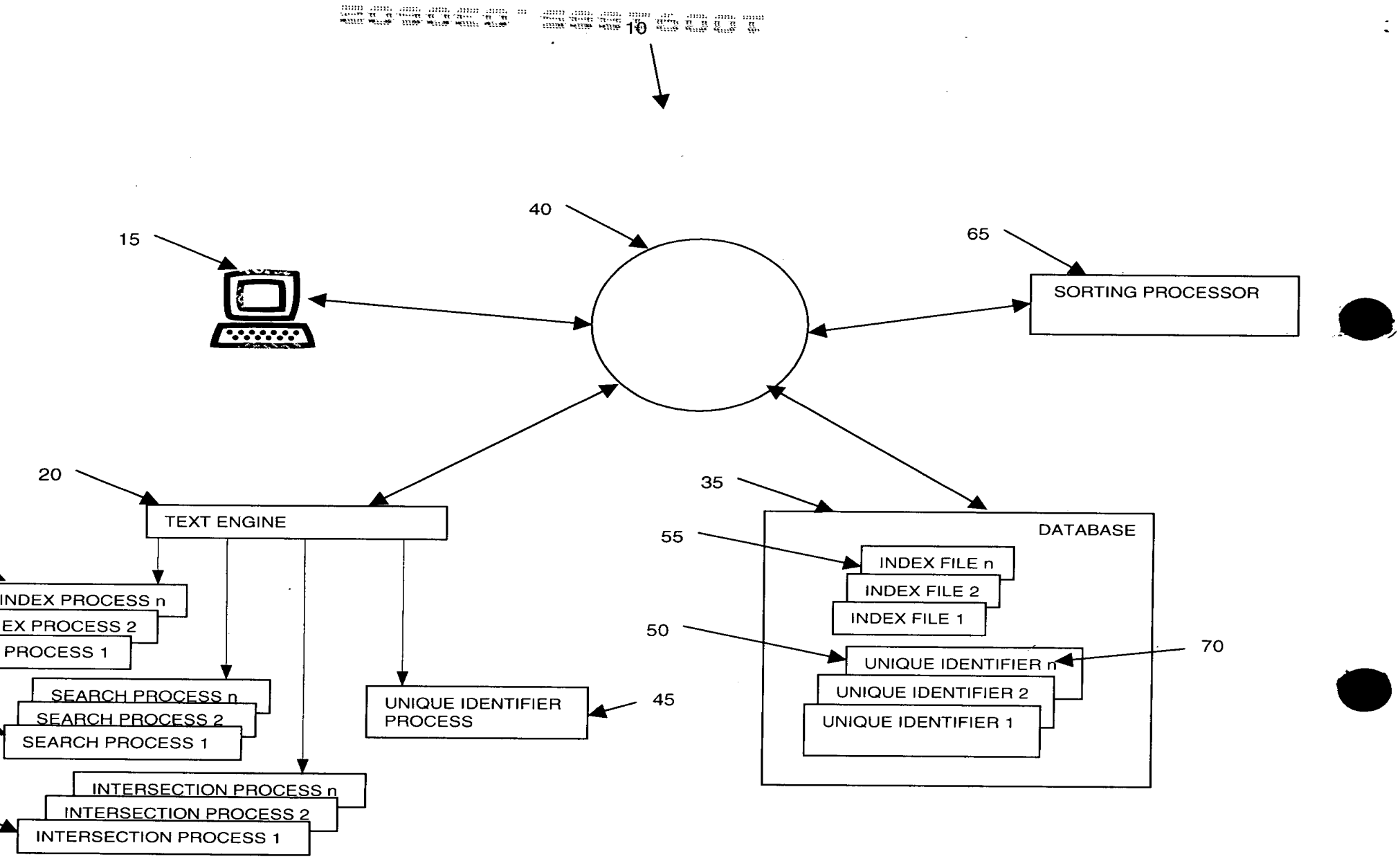
10
40
15
65
SORTING PROCESSOR
20
TEXT ENGINE
35
DATABASE
55
INDEX FILE n
INDEX FILE 2
INDEX FILE 1
50
70
UNIQUE IDENTIFIER n
UNIQUE IDENTIFIER 2
UNIQUE IDENTIFIER 1
INDEX PROCESS n
EX PROCESS 2
PROCESS 1
SEARCH PROCESS n
SEARCH PROCESS 2
SEARCH PROCESS 1
UNIQUE IDENTIFIER PROCESS
45
INTERSECTION PROCESS n
INTERSECTION PROCESS 2
INTERSECTION PROCESS 1

FIGURE 1

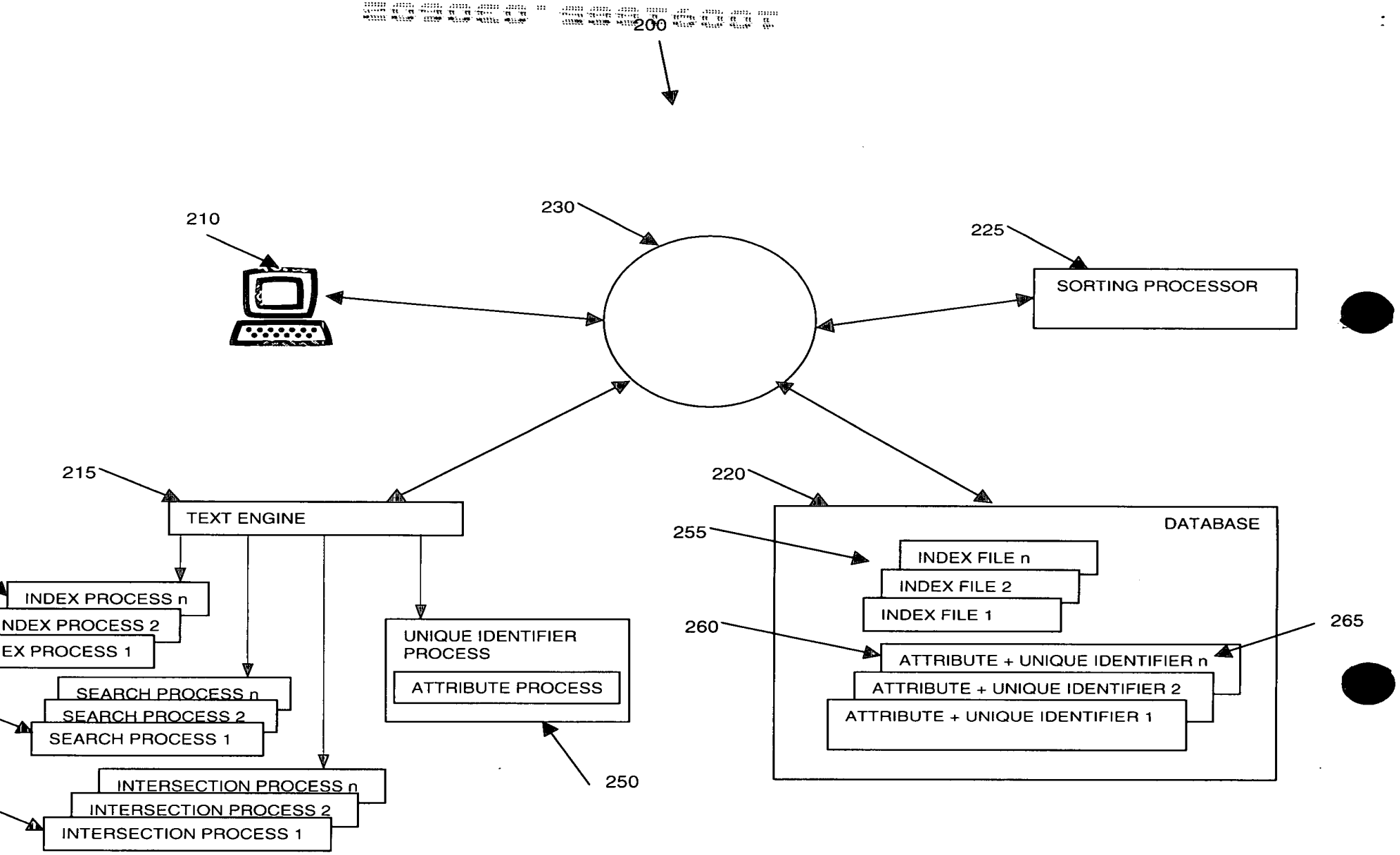
200
210
230
225
SORTING PROCESSOR
215
TEXT ENGINE
220
DATABASE
255
INDEX FILE n
INDEX FILE 2
INDEX FILE 1
INDEX PROCESS n
NDEX PROCESS 2
EX PROCESS 1
UNIQUE IDENTIFIER PROCESS
ATTRIBUTE PROCESS
260
265
ATTRIBUTE + UNIQUE IDENTIFIER n
ATTRIBUTE + UNIQUE IDENTIFIER 2
ATTRIBUTE + UNIQUE IDENTIFIER 1
SEARCH PROCESS n
SEARCH PROCESS 2
SEARCH PROCESS 1
INTERSECTION PROCESS n
INTERSECTION PROCESS 2
INTERSECTION PROCESS 1
250

FIGURE 2

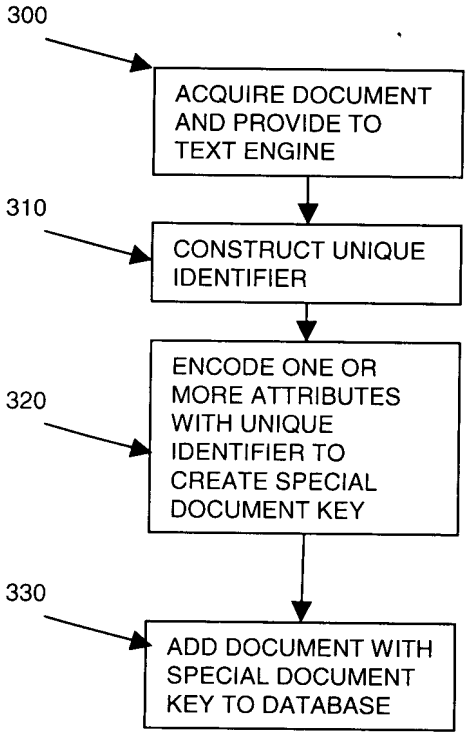

FIGURE 3

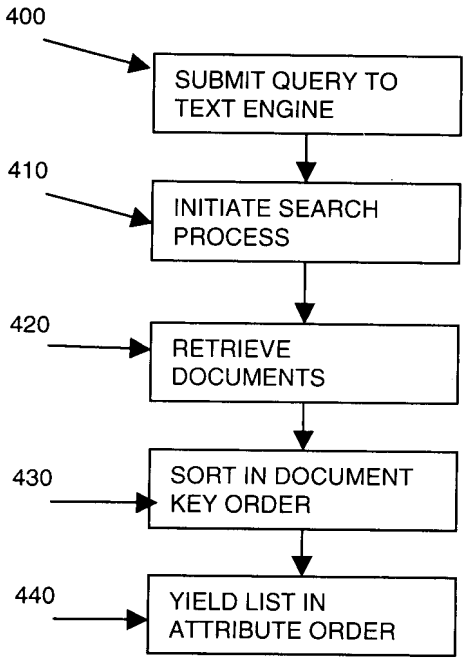

FIGURE 4

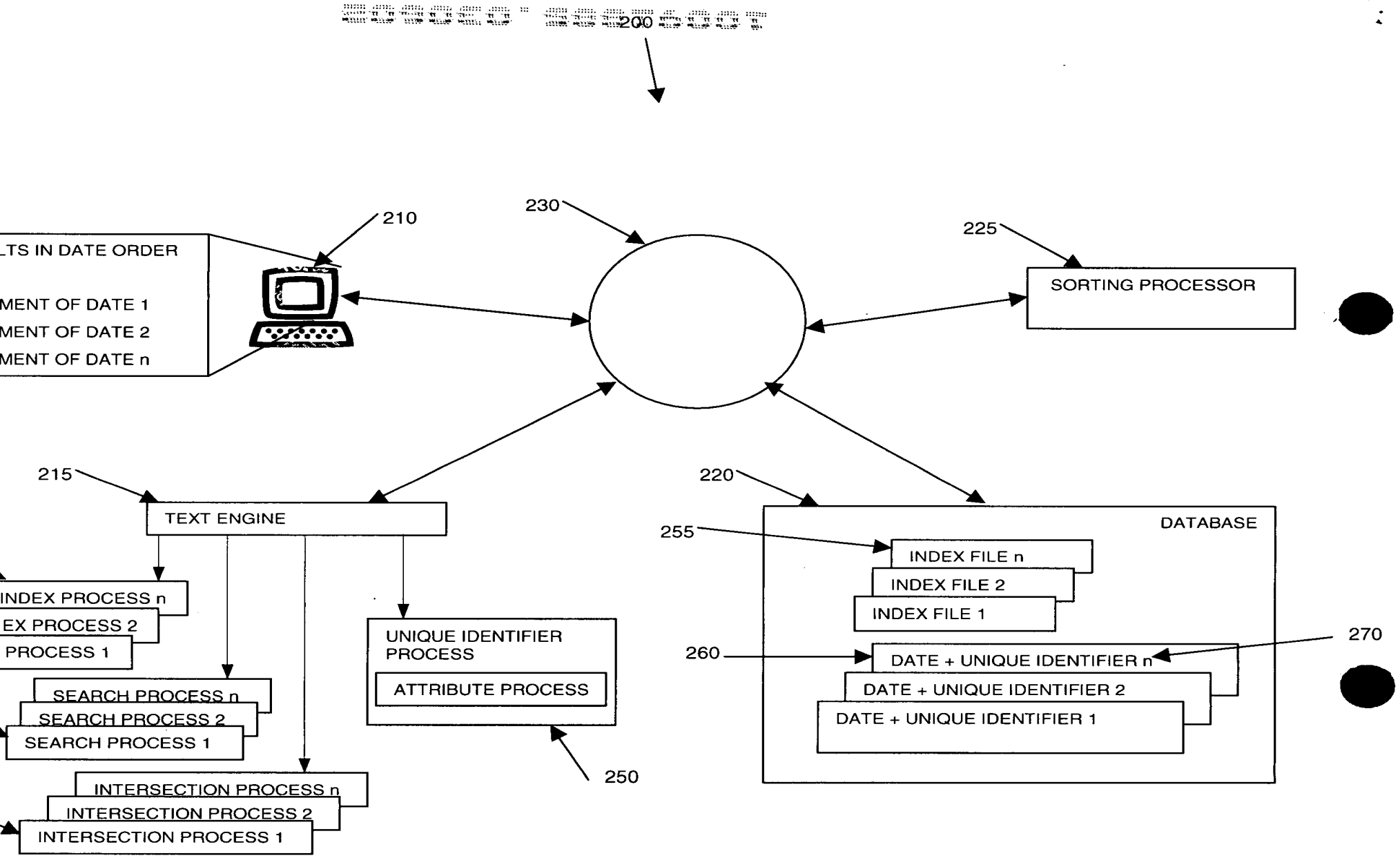
200
210
230
225
LTS IN DATE ORDER
MENT OF DATE 1
MENT OF DATE 2
MENT OF DATE n
SORTING PROCESSOR
215
TEXT ENGINE
220
DATABASE
255
INDEX FILE n
INDEX FILE 2
INDEX FILE 1
INDEX PROCESS n
EX PROCESS 2
PROCESS 1
UNIQUE IDENTIFIER PROCESS
ATTRIBUTE PROCESS
260
DATE + UNIQUE IDENTIFIER n
DATE + UNIQUE IDENTIFIER 2
DATE + UNIQUE IDENTIFIER 1
270
SEARCH PROCESS n
SEARCH PROCESS 2
SEARCH PROCESS 1
250
INTERSECTION PROCESS n
INTERSECTION PROCESS 2
INTERSECTION PROCESS 1

FIGURE 5